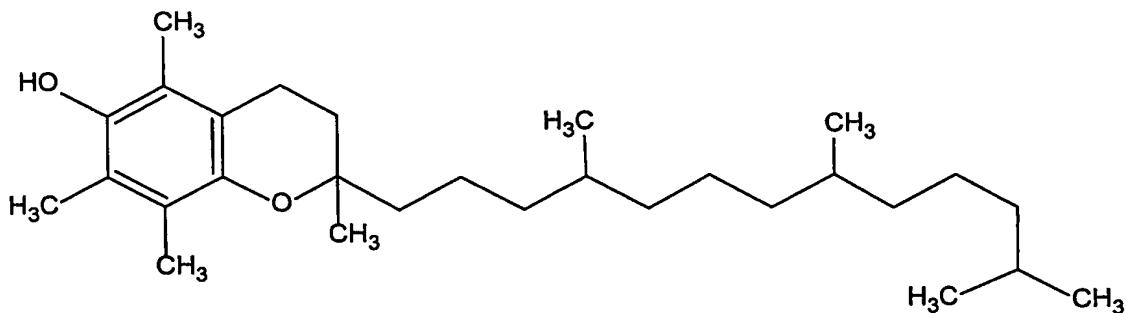


CLAIMS

1. A light permeable material for packaging purposes comprising a first layer which comprises a polymer material, wherein said first layer has a first surface intended to be turned towards a packaging object, characterized in that said first layer comprises one or more compounds having the activity of "vitamin E" in a total concentration of at least 700 ppm.
- 5
- 10 2. A material according to claim 1, wherein said total concentration is at least 5000 ppm.
3. A material according to claim 1 or 2, wherein said total concentration is at least 10000 ppm.
- 15
4. A material according to any of the preceding claims, wherein said one or more compounds having the activity of "vitamin E" is α -tocopherol according to formula (1),



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(1)

wherein by α -tocopherol according to formula (1) it is meant compounds selected from dl- α -tocopherol, d- α -tocopherol and all other stereoisomers of α -tocopherol.

5. A material according to any the preceding claims, wherein the material comprises a second layer which is a strengthening layer and/or a third layer which exhibits heat resistance.
- 5 6. A material according to any of the preceding claims, wherein the material comprises a material combination which gives a barrier and heat resistance, and the material combination may comprise a barrier layer.
- 10 7. A material according to any of the preceding claims, wherein the material comprises further layer/s comprising said polymer material.
- 15 8. A material according to any of the preceding claims, wherein said polymer material comprises polyolefin and/or polyester based polymers, for example, polyethylene (PE), polypropylene (PP), amorphous polyethylene terephthalate (APET), polyvinyl chloride (PVC), polycarbonate (PC) and/or other layer, which gives strength and heat resistance or only heat resistance.
- 20 9. A material according to any of claims 5-8, wherein said second layer and/or said third layer, independently of each other, comprise OPET, OPA, oriented polypropylene (OPP), amorphous polyethylene terephthalate (APET) or polyvinyl chloride (PVC).
- 25 10. A material according to any of claims 5-9, wherein said third layer has been formed by using methods such as crosslinking or by use of high temperature melting polymers or protective lacquers.
- 30 11. A material according to any of claims 5-10, wherein said barrier layer comprises copolymer of ethylene and vinyl alcohol (EVOH), polyvinyl alcohol (PVOH), polyvinyl dichloride (PVDC) or vacuum deposited barrier layer.

12. A material according to any of the preceding claims, wherein any layer/s and/or barrier layer/s are bonded together by use of a means for adhesion.

5 13. A material according to any of the preceding claims, wherein the total thickness of the material varies between 12 µm and 400 µm.

14. A material according to any of the preceding claims, wherein said polymer material is sealable.

10 15. A material according to any of the claims 1-13, wherein said material is for packaging of liquid packaging objects, for example, beer, wine or fruit juice.

15 16. A method for preparing a material according to any of the preceding claims, wherein said method comprises formation of said first layer and formation of said material comprising further layer/s and/or barrier layer/s.

20 17. A method for packaging, wherein a material according to any of claims 1-15 is used in said method.

18. Package, wherein a material according to any of claims 1-15 is comprised in said package.